

Abstract Of The Disclosure

5 An apparatus for determining the total mass of a vehicle, the apparatus being characterized by the fact that it has stored the curb mass of the vehicle and is connected to distributed weight sensors in the vehicle in order to determine the loaded mass in the vehicle. This includes occupants and luggage or other objects being transported. The total mass is determined by addition, and the kinetic energy is able to be calculated using, when necessary, the mass and a relative velocity between the vehicle and another object. In particular, the apparatus according to the invention allows a center of mass to be determined.